# TECHNICAL APPLICATION FOR A CONSTRUCTION/DEMOLITION DEBRIS SOLID WASTE LANDFILL

DEP 7069B (9/91)

# COMMONWEALTH OF KENTUCKY NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET DIVISION OF WASTE MANAGEMENT 18 REILLY ROAD

FRANKFORT, KENTUCKY 40601

## NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET DEPARTMENT FOR ENVIRONMENTAL PROTECTION DIVISION OF WASTE MANAGEMENT

#### TECHNICAL APPLICATION

#### GENERAL INSTRUCTIONS

- 1. **USE OF THIS APPLICATION** This form is to be used to submit the design drawings and technical specifications for a proposed landfill or modification to an existing site to the Natural Resources and Environmental Protection Cabinet.
- 2. **PREPARATION ASSISTANCE** Questions regarding this application form should be directed in writing to the Division of Waste Management, Solid Waste Branch, 18 Reilly Road, Frankfort, Kentucky 40601, or by calling (502) 564-6716.
- 3. **SUBMISSION** Submit the original and three (3) copies of the completed application to the Division of Waste Management, 18 Reilly Road, Frankfort, Kentucky 40601, Attention: Solid Waste Branch. Also, submit the following plans:
  - 1 set folded to 8 ½ inches by 11 inches; and
  - 2 rolled sets.

If an item cannot be answered, leave it blank. If an item does not appear to be applicable to your application, write "N/A" for "not applicable."

4. **LAWS AND REGULATIONS** - Applicants are expected to understand and comply with all laws and regulations applicable to solid waste facilities. This application referenced 401 Chapters 47 and 48.

## ADMINISTRATIVE INSTRUCTIONS FOR THE ENGINEERING DRAWINGS

- a. The cover sheet shall bear the professional engineers seal, original signature, and date in accordance with 401 KAR 47:190 Section 1.
- b. The Division requires that the maximum plan sheet not exceed 24" x 36" as specified in 401 KAR 47: 180 Section 5(1) for executive summaries.
- c. Each plan sheet should have a title block in the lower right corner. The title block should contain: sheet title, facility title, applicant name, address, and the engineering firm's name and address.
- d. Each plan sheet should have a latest revision date block showing all revision dates in accordance with 401 KAR 47:160 Section 8(2)(b).
- e. Each sheet shall have the appropriate scale to show all required detail in accordance with 401 KAR 47: 160 Section 8(2)(a).
- f. The plan cover sheet shall include an index of plans, the facility name, county, and application number. Show each drawing title on the index of plans in accordance with 401 KAR 47:160 Section 8(1)(b) and 8(2)(b). (The cabinet recommends the use of the page number system suggested in this application.)
- g. Each set of plans shall include a legend of all drafting symbols used in accordance with 401 KAR 47: 160 Section 8(2)(b).
- h. All lettering and drafting details shall be legible on reduced scale plans in accordance with 401 KAR 47:Section 8(2)(a).
- i. Each plan sheet shall contain a common stationed straight baseline or offset baseline, a north arrow, and comply with 401 KAR 47:160 Section 8(2)(b) and 401 KAR 47:190 Section 2(2)(b)3.
- j. Match lines should refer to the appropriate sheet numbers containing the other corresponding match line.
- k. The plan sheets should clearly show the 1000 by 1000 foot grids referenced to an established site specific bench mark in accordance with 401 KAR 47:160 Section 8(2)(f).
- l. Show survey grid locations and reference major plan sheets on all cross-sections as required by 401 KAR 47:160 Section 8(2)(h).

## CONSTRUCTION/DEMOLITION DEBRIS SOLID WASTE LANDFILL TECHNICAL APPLICATION

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- G. Surface Water, Groundwater, and Corrective Action
- H. Closure, Closure Care and Performance Bond
- I. Public Notice
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## CONSTRUCTION/DEMOLITION DEBRIS SOLID WASTE LANDFILL TECHNICAL APPLICATION

## **ATTACHMENTS**

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| 17.  | Construction Quality Control Plan                 |      |
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| 27.  | Public Notice                                     |      |

## NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET DEPARTMENT FOR ENVIRONMENTAL PROTECTION DIVISION OF WASTE MANAGEMENT 18 REILLY ROAD FRANKFORT. KENTUCKY 40601

## APPLICATION FOR A CONSTRUCTION/DEMOLITION DEBRIS SOLID WASTE LANDFILL TECHNICAL APPLICATION

| <b>A</b> . | GENERAL INFORMATION                     |          |
|------------|---|----------|
| 1.         | NameAddress                             |          |
|            | CityState<br>Telephone Number ()_       | Zip Code |
|            | Telephone Number ()                     |          |
| 2.         | County                                  |          |
| 3.         | Application Number                      |          |
| 4.         | Fee Amount                              |          |
|            |   |          |
| В.         | DESIGN PLANS (401 KAR 47:190 Section 2) |          |

Submit 3 copies of the plans showing the design of the site. Label as Attachment 1. Refer to the detailed administrative instructions for the engineering drawings.

Number the drawings as follows:

- 1. A drawing of the entire site on one sheet showing:
  - Current site conditions
  - Site development plan including buffer zones
  - Location of monitoring points for:
    - Surface Water
    - Ground Water
    - Methane; and
    - Baselines

- 2. Site plans drawn to 1 inch = 100 feet (or Cabinet-approved alternative scale) showing:
  - Development Plan
  - Location of monitoring points
  - Baseline or off-set baseline
- 3. Cross-Sections at:
  - 100 Foot intervals
  - Vertical scale of 1 inch = 10 feet
  - Horizontal scale of 1 inch = 100 feet
- 4. Drawing of the profile along each baseline.
- 5. Proper site development including the sequence of filling (i.e. units, phases, working areas).
- 6. Construction details.
- 7. Include typical details for the following features of the cell:
  - Lifts
  - Liners
  - Interim Cover
  - Final Cover

## Show the applicable items on the appropriate drawings:

| ITEM Proposed & Final Surface Contours | DRAWING NUMBER 1 & 2 | REQUIREMENT 48:060 Section 1(1)(a) |
|--|----------------------|------------------------------------|
| Run-on Ditches                         | 2 & 6                | 48:060 Section 1(1)(b)             |
| Run-off Ditches                        | 2 & 6                | 48:060 Section 1(1)(b)             |
| Sediment Basin                         | 2 & 6                | 48:060 Section 1(1)(c)             |
| Separate Area to Unload Burning Wastes | 2                    | 48:060 Section 1(6)                |
| Borrow Areas                           | 2 & 5                | 48:060 Section 1(3) & 1(8)         |
| Personnel Facilities                   | 2                    | 48:060 Section 1(7)                |
| Leachate Storage Tank Design           | 2 & 6                | 48:060 Section 1(2)(d)             |

| C.         | NAR   | RATIVE (401 KAR 47:190 SECTION 3)  |
|------------|-------|--|
| 1.         | (a)   | Will waste be placed within 250 feet of an intermittent or perennial stream?  Yes No   |
|            | (b)   | If yes, enclose the 401 Water quality certification that has been issued pursuant to 401 KAR 5:029 through 5:031. Label as <b>Attachment 2</b> (401 KAR 48:050 Section 1(1). |
| 2.         |       | ide the information requested in 401 KAR 48:050 Section 1(2)-(7) by checking the appropria Is the waste disposal area within:  |
|            | (a)   | The zone of collapse of deep-mine workings or within the critical angle of draw? Yes No  |
|            | (b)   | 250 feet of a karst Terrain feature? Yes No  |
|            | (c)   | 250 feet of the property line? Yes No  |
|            | (d)   | 250 feet of a residence? Yes No  |
|            | (e)   | 50 feet of a gas, sewer, or water line? Yes No   |
|            | (f)   | 250 feet of an unplugged well (other than monitoring)? Yes No  |
| 3.         |       | e depth to the seasonal high groundwater table to the <u>bottom</u> of the liner system four feet eater? Yes No  |
| ł.         | (a)   | Is this proposed site located in the 100 year floodplain? Yes No   |
|            | (b)   | If yes, enclose a report describing how you will meet Section 2 of 401 KAR 47:030 concerning floodplains. Label as <b>Attachment 3</b> . (401 KAR 48:050 Section 3)          |
| <b>5</b> . | Enclo | ose as <b>Attachment 4</b> , a description of the surface water control items.   |

6. Enclose as **Attachment 4**, a description of the surface water control items.

Typical Run-On and Run-Off Ditch Design Calculations passing a 100 year/24 hour storm

REQUIREMENT
48:060 Section 1(1)(b)

Sediment Basin 48:060 Section 1(1)(c)

7. Describe, in **Attachment 5**, the following required separate areas and procedures to allow the safe handling of certain wastes:

AREA Burning Wastes REQUIREMENTS 48:060 Section 1(6)

Wastes presenting other handling problems 48:060 Section 1(6)

- 8. Complete the tables in **Attachment 6**, regarding equipment information. The listed equipment must comply with 48:060 Section 1(5).
- 9. Describe any changes to the amount of soil required for the proposed design liner, cap cover, and other cover design since the approval of the Administrative Application as required by 48:060 Section 1(2), 1(3), & 1(10). Label as **Attachment 7**.
- 10. Describe, in **Attachment 8**, the employee facilities required by 48:060 Section 1(7) & 2(9).
- 11. Describe, in **Attachment 9**, the explosive gas monitoring program as required by 48:030 Section 11. Applicants must describe the potential for gas emissions and odors based on the waste characteristics and the proposed landfill design.
- 12. Describe, in **Attachment 10**, the internal road design required by 48:060 Section 2(8).
- 13. Describe, in **Attachment 11**, the landfill safety and communication plan as required by 48:060 Section 2(7), (10), & (11).

- 14. Include, in **Attachment 12**, a description of the leachate collection, storage, treatment and removal system as required by 48:060 Section 1(2)(d). Also, complete the information requested by **Attachment 12A** regarding the leachate collection system.
- 15. Provide in **Attachment 13**, the procedure to inspect and restrict the disposal of unauthorized waste as required by 48:060 Section 2(22).
- Describe, in **Attachment 18**, the procedures to control access by the public as required by 48:060 Section 2(7).
- 17. Describe, in **Attachment 15**, how the applicant will comply with the working face requirements required by 48:060 Section 2(6), (13), (14), (15), (16), & (17).
- 18. Complete the information requested below for placement on the landfill sign at the landfill entrance as required by 48:060 Section 2(5)(b).

|    | Landfill Name  |
|----|--|
|    | Name of Owner  |
|    | Name of Operator   |
|    | Hours to Receive Waste to to   |
|    | Days to Receive Waste to   |
|    | Permit Number(To be assigned by Division upon Permit Issuance)   |
|    | Emergency Telephone Number ()  |
| D. | LINER DESIGN (401 KAR 47:190 SECTION 7)  |
| 1. | Submit, as <b>Attachment 16</b> , the design specifications for the bottom liner as required by 48:060 Section 1(10) for non-putrescible wastes. |
| E. | CONSTRUCTION QUALITY CONTROL PLAN (401 KAR 47:190 SECTION 6)   |

- 1. Describe, in **Attachment 17**, the Construction Quality Control (CQC) Plan as required by 47:190 Section 6 and 48:060 Section 1(2) or 1(10).
- 2. Applicants may use certain CQC specifications for contained sites or specify their own. An applicant for these categories and landfills may specify the following construction quality control specifications:

COMPONENTSPECIFICATIONSClay or SoilsMoisture Density Tests, Free

Moisture Density Tests, Frequency and Test Method

Synthetic liner, if specified

100% Pressure Test Destructive Test, Including Frequency and Method

#### F. RECORDKEEPING AND REPORTING (KAR 47:190 SECTION 8)

1. Enclose, as **Attachment 18**, the landfill recordkeeping and reporting system as required by 401 KAR 47:190 Section 8. The applicant may use the record keeping forms provided by the Cabinet or submit a different form for review by the Cabinet.

## G. SURFACE WATER, GROUNDWATER, AND CORRECTIVE ACTION (401 KAR 47:190 SECTION 5)

\_\_\_\_\_\_

- 1. Submit, as **Attachment 19**, the Surface Water Monitoring Plan in accordance with 401 KAR 48:300 Section 2. At a minimum, the plan must include:
  - a. The proposed locations of the monitoring points shown on the site plans.
  - b. A written description of how the monitoring point locations ensure that sampling will characterize the quality of the water unaffected by the landfill, as well as determining if water leaving the landfill as surface drainage is contaminated with leachate.
  - c. A description of sampling protocol and analytical methods to be used.
  - d. A monitoring schedule and list of analytical parameters as required by 401 KAR 48:300 Section 2(3).
  - e. A sample form for reporting results of the analyses to the Division.
  - f. Documentation that the applicant currently holds or has applied for a K.P.D.E.S. permit for all structures to be used to control stormwater run-off and all point source discharges.
  - g. Provide the information requested in **Attachment 19A**, concerning location of the monitoring points.
- 2. Submit, as **Attachment 20**, a Groundwater Monitoring Plan that meets the requirements of 401 KAR 48:300. At a minimum that plan must provide the following information:
  - a. A list and description of the specific aquifer(s) proposed for monitoring.
  - b. The number, location, and depth of proposed monitoring points. Show the locations of the monitoring points on the site plans.
  - c. Provide a brief discussion of the groundwater quality that currently exists based on the Groundwater Quality Characterization required by 401 KAR 47:180.

- d. Provide a Groundwater Sampling and Analysis Plan which describes the procedures and techniques designed to accurately measure groundwater quality upgradient and downgradient of the waste disposal area. Include a discussion regarding the chain of custody, as well as field and lab quality assurance and quality control. This plan must meet the requirements of 401 KAR 48:300 section 4(3).
- e. Provide a monitoring schedule and list of analytical parameters in accordance with 401 KAR 48:300 Section 11.
- f. Provide monitoring well construction specifications which meet the requirements of 401 KAR 48:300 Section 6.
- g. Is the proposed solid waste disposal site located in karst terrain?\_\_\_\_\_Yes\_\_\_\_\_ No If yes, the groundwater monitoring plan must meet the requirements of 401 KAR 48:300 Section 4(4), including dye trace studies to determine the nature and extent of karst drainage beneath the site and proposed monitoring locations.
- h. Provide the information requested in **Attachment 20A**, concerning proposed well location and depth.

## H. CLOSURE, CLOSURE CARE AND PERFORMANCE BOND (401 KAR 47:190 SECTION 4)

\_\_\_\_\_

- 1. Submit, as **Attachment 21**, the specifications of the closure cap as required by 48:060 Section 1(8)(c) for putrescible waste and Section 1(8)(c) and 1(10)(b) for non-putrescible waste.
- 2. Submit, as **Attachment 22**, the closure plan narrative appropriate as required by 48:060 Section 1(8)(a) & (b) and Section 3(1)(d).
- 3. Describe, in **Attachment 23**, the post-closure maintenance for 2 years as required by 48:060 Section 1(9).
- 4. Describe, in **Attachment 24**, the closure cost estimate based on the elements listed in 401 KAR 48:310 Section 2.
- 5. Describe, in **Attachment 25**, the post-closure cost estimate based on the elements listed in 401 KAR 48: 310 Section 3.

|                                | PUBLIC NOTICE  |   |
|--------------------------------|--|---|
| 1.                             | Section 12(3)(a) and KRS 224.40-310. These   | nt 26A or 26B which complies with 401 KAR 47:140 mandates require public notice when the review of the nly those applicants notified by correspondence from the   |
| 2.                             | Section 12(4) and KRS 224.855. These mand  | <b>nt 27A or 27B</b> which complies with 401 KAR 47:140 ates require public notice if the Cabinet makes a preliminary pared a draft document. Only those applicants notified by the public notice.  |
| J.                             | CERTIFICATION  |   |
|                                |  | nent and all attachments were prepared under my direction or  |
| infor<br>infor<br>awar         | mation submitted. Based on my inquiry of the permation, the information submitted, to the best of  | ssure that qualified personnel properly gather and evaluate the erson or persons directly responsible for gathering the my knowledge and belief, true, accurate and complete. I am g false information, including the possibility of fine and |
| infor<br>infor<br>awar<br>impr | mation submitted. Based on my inquiry of the permation, the information submitted, to the best of the that there are significant penalties for submitting.   | erson or persons directly responsible for gathering the my knowledge and belief, true, accurate and complete. I am  |
| infor infor awar impr          | emation submitted. Based on my inquiry of the permation, the information submitted, to the best of the that there are significant penalties for submitting isonment for such violations."  | erson or persons directly responsible for gathering the my knowledge and belief, true, accurate and complete. I am g false information, including the possibility of fine and   |
| infor infor awar impr          | rmation submitted. Based on my inquiry of the permation, the information submitted, to the best of the that there are significant penalties for submitting isonment for such violations."  inal Signature of Responsible Official  | erson or persons directly responsible for gathering the my knowledge and belief, true, accurate and complete. I am g false information, including the possibility of fine and  Date  Title  |
| infor infor awar impr          | emation submitted. Based on my inquiry of the permation, the information submitted, to the best of the that there are significant penalties for submitting isonment for such violations."  inal Signature of Responsible Official  ed Name of Responsible Official  e of Applicant, i.e. Corporation or Unit of Government | erson or persons directly responsible for gathering the my knowledge and belief, true, accurate and complete. I am g false information, including the possibility of fine and  Date  Title  |
| infor infor awar impr          | emation submitted. Based on my inquiry of the permation, the information submitted, to the best of the that there are significant penalties for submitting isonment for such violations."  inal Signature of Responsible Official  ed Name of Responsible Official  e of Applicant, i.e. Corporation or Unit of Government | erson or persons directly responsible for gathering the my knowledge and belief, true, accurate and complete. I am g false information, including the possibility of fine and  Date  Title  |

## ATTACHMENT 6A WASTE HANDLING EQUIPMENT

| WASTE HANDLING EQUIPMENT   |  |                     |  |  |  |  |
|----------------------------|--|---------------------|--|--|--|--|
| SPECIFICATIONS             | DESCRIPTION                              | DESCRIPTION         |  |  |  |  |
|                            | (e.g. Dozer #1)                          | (e.g. Compactor #1) |  |  |  |  |
|                            |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| TYPE                       |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| MAKE                       |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| MODEL                      |  |                     |  |  |  |  |
| MODEL                      |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| YEAR                       |  |                     |  |  |  |  |
| IEAR                       |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| GROSS WEIGHT               |  |                     |  |  |  |  |
| dicoss whiaiii             |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| WHEEL WIDTH                |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| WHEEL WEIGHT               |  |                     |  |  |  |  |
| (LBS/IN.)                  |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| MANIMUM HOUDIN             |  |                     |  |  |  |  |
| MAXIMUM HOURLY<br>CAPACITY |  |                     |  |  |  |  |
| (TONS/HR)                  |  |                     |  |  |  |  |
| (10N5/11K)                 |  |                     |  |  |  |  |
| PRIMARY OR BACKUP          |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| CONDITION                  |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| ENGINE HORSEPOWER          |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
|                            |  |                     |  |  |  |  |
| REMARKS                    |  |                     |  |  |  |  |
|                            | on this page and complete for all requir |                     |  |  |  |  |

For additional equipment, reproduce this page and complete for all required equipment

## ATTACHMENT 6B EARTHMOVING EQUIPMENT

| EARTHMOVING EQUIPMENT                   |                                |                              |  |  |  |  |  |
|---|--------------------------------|------------------------------|--|--|--|--|--|
| SPECIFICATIONS                          | DESCRIPTION<br>(e.g. Dozer #1) | DESCRIPTION<br>(e.g. Pan #1) |  |  |  |  |  |
| TYPE                                    |                                |                              |  |  |  |  |  |
| MAKE                                    |                                |                              |  |  |  |  |  |
| MODEL                                   |                                |                              |  |  |  |  |  |
| YEAR                                    |                                |                              |  |  |  |  |  |
| ENGINE HORSEPOWER                       |                                |                              |  |  |  |  |  |
| HAULING CAPACITY<br>(TONS/HOUR)         |                                |                              |  |  |  |  |  |
| CONDITION                               |                                |                              |  |  |  |  |  |
| MAXIMUM HOURLY<br>CAPACITY<br>(TONS/HR) |                                |                              |  |  |  |  |  |
| PRIMARY USE                             |                                |                              |  |  |  |  |  |
| SECONDARY USE                           |                                |                              |  |  |  |  |  |
| REMARKS                                 |                                |                              |  |  |  |  |  |
|   |                                |                              |  |  |  |  |  |

For additional equipment, reproduce this page and complete for all required equipment

## **ATTACMENT 11A**

Provide the estimated leachate volume produced by each landfill area and the method utilized for the calculation.

| HORIZONTAL<br>SURFACE | SURFACE (MAXIMUM'S CALCULATED)     |  | COLLECTION   | FREQUENCY OF  | WASTEWATER  |   |
|-----------------------|------------------------------------|--|--|---|---|---|
| АКЕА                  | DURING<br>OPERATION<br>GALLONS/DAY | LONG TERM<br>COVERING<br>GALLONS/DAY   | FINAL COVER<br>GALLONS/DAY                                       | CAPACITY<br>(GALLONS)   | REMOVAL   | TREATMENT PLANT<br>NAME   |
|                       |                                    |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
| nethod of calculat    | ion·                               |  |  |   |   |   |
|                       | .1011.                             |  |  |   |   |   |
|                       |                                    |  |  |   |   |   |
|                       | SURFACE AREA                       | SURFACE<br>AREA<br>DURING<br>OPERATION | SURFACE AREA  DURING OPERATION COVERING GALLONS/DAY  GALLONS/DAY | SURFACE AREA  DURING COVERING GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  GALLONS/DAY | SURFACE (MAXIMUM'S CALCULATED) COLLECTION TANK DURING LONG TERM FINAL COVER CAPACITY OPERATION COVERING GALLONS/DAY (GALLONS) GALLONS/DAY GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  COLLECTION TANK CAPACITY OPERATION COVERING GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  GALLONS/DAY | SURFACE AREA  DURING OPERATION GALLONS/DAY  GALLONS/DAY  COVERING GALLONS/DAY  GALLONS/DAY  COVERING GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  GALLONS/DAY  COVERING GALLONS/DAY  GALLONS/DAY |

(If more space is needed, attach extra sheet of paper)

## ATTACHMENT 19A SURFACE WATER MONITORING PLAN

Provide the information requested below:

| Monitoring<br>Station I.D. | Location<br>Description | Latitude | Longitude |  |
|----------------------------|-------------------------|----------|-----------|--|
|                            |                         |          |           |  |
|                            |                         |          |           |  |
|                            |                         |          |           |  |
|                            |                         |          |           |  |
|                            |                         |          |           |  |
|                            |                         |          |           |  |
|                            |                         |          |           |  |
|                            |                         |          |           |  |
|                            |                         |          |           |  |
|                            |                         |          |           |  |
|                            |                         |          |           |  |

## ATTACHMENT 20A GROUNDWATER MONITORING WELL LOCATION AND DEPTH

Provide the information requested in the chart below:

| MONITORING<br>STATION<br>I.D. | LATITUDE | LONGITUDE | STATION TYPE<br>WELL OR<br>SPRING | AQUIFER | ELEVATION<br>OF SPRING OR TOP<br>OF WELL CASING | DEPTH<br>OF<br>WELL | DEPTH<br>OF<br>WATER |
|-------------------------------|----------|-----------|-----------------------------------|---------|---|---------------------|----------------------|
|                               |          |           |                                   |         |   |                     |                      |
|                               |          |           |                                   |         |   |                     |                      |
|                               |          |           |                                   |         |   |                     |                      |
|                               |          |           |                                   |         |   |                     |                      |
|                               |          |           |                                   |         |   |                     |                      |
|                               |          |           |                                   |         |   |                     |                      |

## **ATTACHMENT 26A**

### **PUBLIC NOTICE**

| PURSUANT TO APPLICATION NUMBER:  |
|--|
| THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET, DIVSION OF WASTE MANAGEMENT HAS DETERMINED THE ADMINISTRATIVE PORTION OF PERMIT APPLICATION NOTO BE COMPLETE AND HAS RECEIVED THE TECHNICAL PORTION OF THE APPLICATION FOR REVIEW. |
| THE NAME AND ADDRESS OF THE PERMIT APPLICANT IS:   |
| CONTACT PERSON:  |
| THE PERMIT APPLICANT PROPOSES TO CONSTRUCT A CONSTRUCTION/DEMOLITION DEBRIS LANDFILL TO ACCEPT THE FOLLOWING TYPES OF WASTES:FROM THE FOLLOWING SOURCES:   |
| THE PROPOSED FACILITY IS LOCATED NEARININBY TRAVELLINGBY TRAVELLING  |
| THE PERMIT APPLICATION IS BEING PROCESSED AT THE FOLLOWING LOCATION: DIVISION OF WASTE MANAGEMENT SOLID WASTE BRANCH 18 REILLY ROAD FRANKFORT, KENTUCKY 40601  |
| INTERESTED PERSONS MAY OBTAIN FURTHER INFORMATION CONCERNING THE PERMIT APPLICATION BY WRITING TO THE OFFICE PROCESSING THE PERMIT APPLICATION, AT THE ADDRESS SHOWN ABOVE, OR BY TELEPHONE AT (502) 564-6716.                                 |
| AN EXECUTIVE SUMMARY DESCRIBING THE PERMIT APPLICANTS' PROPOSAL IS AVAILABLE FOR PUBLIC REVIEW AT THE OFFICE OF THECOUNTY JUDGE/EXECUTIVE,COUNTY COURTHOUSE, MONDAY THRU, FROMAM TOPM, EXCEPT FOR THE OFFICIAL STATE HOLIDAYS.                 |

PUBLICATION OF THIS NOTICE PURSUANT TO KRS.224.40-310.

## **ATTACHMENT 26B**

## **PUBLIC NOTICE**

| PURSUANT TO APPLICATION NUMBER:  |
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| THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET, DIVSION OF WASTE MANAGEMENT HAS DETERMINED THE ADMINISTRATIVE PORTION OF PERMIT APPLICATION NOTO BE COMPLETE AND HAS RECEIVED THE TECHNICAL PORTION OF THE APPLICATION FOR REVIEW. |
| THE NAME AND ADDRESS OF THE PERMIT APPLICANT IS:   |
| <del></del>  |
| CONTACT PERSON:  |
| THE PERMIT APPLICANT PROPOSES TO CONSTRUCT AN EXPANSION TO A ONSTRUCTION/DEMOLITION DEBRIS LANDFILL TO ACCEPT THE FOLLOWING TYPES OF WASTES:  FROM THE FOLLOWING SOURCES:  |
| THE PROPOSED EXPANSION TO THE FACILITY IS LOCATED NEARINININ   |
| THE PERMIT APPLICATION IS BEING PROCESSED AT THE FOLLOWING LOCATION: DIVISION OF WASTE MANAGEMENT SOLID WASTE BRANCH 18 REILLY ROAD FRANKFORT, KENTUCKY 40601  |
| INTERESTED PERSONS MAY OBTAIN FURTHER INFORMATION CONCERNING THE PERMIT APPLICATION BY WRITING TO THE OFFICE PROCESSING THE PERMIT APPLICATION, AT THE ADDRESS SHOWN ABOVE, OR BY TELEPHONE AT (502) 564-6716.                                 |
| AN EXECUTIVE SUMMARY DESCRIBING THE PERMIT APPLICANTS' PROPOSAL IS AVAILABLE FOR PUBLIC REVIEW AT THE OFFICE OF THECOUNTY JUDGE/EXECUTIVE,   |
| COUNTY COURTHOUSE, MONDAY THRU, FROMAM TOPM, EXCEPT FOR THE OFFICIAL STATE HOLIDAYS.   |

PUBLICATION OF THIS NOTICE PURSUANT TO KRS.224.40-310.

#### **ATTACHMENT 27A**

#### **PUBLIC NOTICE**

| PURSUANT TO APPLICATION NUMBER:  |
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| THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET, DIVSION OF WASTE MANAGEMENT HAS MADE A PRELIMINARY DETERMINATION TO ISSUE A PERMIT FOR A CONSTRUCTION/DEMOLITION DEBRIS SOLID WASTE DISPOSAL FACILITY.   |
| THE NAME AND ADDRESS OF THE PERMIT APPLICANT IS:   |
| CONTACT PERSON:  |
| THE PROPOSED PERMIT WOULD ALLOW FOR THE CONSTRUCTION OF A CONSTRUCTION/DEMOLITION DEBRIS LANDFILL TO ACCEPT THE FOLLOWING TYPES OF WASTES:FROM THE FOLLOWING SOURCES:  |
| THE PROPOSED FACILITY IS LOCATED INCOUNTY. THE PROPOSED FACILITY MAY BE ACCESSED FROMBY TRAVELLING   |
| AND WOULD AFFECT APPROXIMATELY ACRES.  |
| THE PROPOSED PERMIT IS BEING PROCESSED AT THE FOLLOWING LOCATION:  DIVISION OF WASTE MANAGEMENT SOLID WASTE BRANCH 18 REILLY ROAD FRANKFORT, KENTUCKY 40601 FURTHER INFOMATION CONCERNING THE PROPOSED PERMIT MAY BE OBTAINED FROM THE BRANCH MANAGER, AT THE ADDRESS SHOWN ABOVE, OR BY TELEPHONE AT (502) 564-6716.                  |
| THE PROPOSED PERMIT, FACT SHEET AND APPLICATION (ADMINISTRATIVE RECORD) ARE ALSO ON FILE FOR OUBLIC INSPECTION AT THE OFFICE OF THECOUNTY JUDGE/EXECUTIVE,COUNTY COURTHOUSE, MONDAY THRU, FROMAM TOPM, EXCEPT FOR THE OFFICIAL STATE HOLIDAYS. ALL DATA SUBMITTED BY THE APPLICANT ARE AVAILABLE AS PART OF THE ADMINISTRATIVE RECORD. |
| ANY PERSON WHO MAY BE AGGRIEVED BY THE ISSUANCE OF A PERMIT FOR THIS PROPOSED WASTE  |

ANY COMMENTS, OBJECTIONS, OR PETITION REQUESTS FOR A HEARING PURSUANT TO KRS 224.10-240 MUST BE FILED WITH THE DIRECTOR OF THE DIVISION OF WASTE MANAGEMENT, 18 REILLY ROAD, FRANKFORT, KENTUCKY 40601 WITHIN THIRTY (30) DAYS OF TODAY'S DATE.

FACILITY MAY FILE WITH THE CABINET A PETITION WHICH SETS FORTH THE GROUNDS OF THE OBJECTION

PUBLICATION OF THIS NOTICE IS PURSUANT TO KRS.224.40-310 AND 401 KAR 47:140.

AND DEMANDS A HEARING PURSUANT TO KRS 224.10-420.

#### **ATTACHMENT 27B**

#### **PUBLIC NOTICE**

| PURSUANT TO APPLICATION NUMBER:  |  |
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| THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET, DIVSION OF WASTE MANAGEMENT HAS MADE A PRELIMINARY DETERMINATION TO ISSUE A PERMIT FOR A CONSTRUCTION/DEMOLITION DEBRIS SOLID WASTE DISPOSAL FACILITY.   |  |
| THE NAME AND ADDRESS OF THE PERMIT APPLICANT IS:   |  |
| CONTACT PERSON:  |  |
| THE PROPOSED PERMIT WOULD ALLOW FOR THE CONSTRUCTION OF A N EXPANSION TO A CONSTRUCTION/DEMOLITION DEBRIS LANDFILL TO ACCEPT THE FOLLOWING TYPES OF WASTES:FROM THE FOLLOWING SOURCES:   |  |
| THE PROPOSED FACILITY IS LOCATED INCOUNTY. THE PROPOSED FACILITY MAY BE ACCESSED FROMBY TRAVELLING   |  |
| AND WOULD AFFECT APPROXIMATELY ACRES.  |  |
| THE PROPOSED PERMIT IS BEING PROCESSED AT THE FOLLOWING LOCATION: DIVISION OF WASTE MANAGEMENT SOLID WASTE BRANCH 18 REILLY ROAD FRANKFORT, KENTUCKY 40601 FURTHER INFORMATION CONCERNING THE PROPOSED PERMIT MAY BE OBTAINED FROM THE BRANCH MANAGER, AT THE ADDRESS SHOWN ABOVE, OR BY TELEPHONE AT (502) 564-6716.                  |  |
| THE PROPOSED PERMIT, FACT SHEET AND APPLICATION (ADMINISTRATIVE RECORD) ARE ALSO ON FILE FOR OUBLIC INSPECTION AT THE OFFICE OF THECOUNTY JUDGE/EXECUTIVE,COUNTY COURTHOUSE, MONDAY THRU, FROMAM TOPM, EXCEPT FOR THE OFFICIAL STATE HOLIDAYS. ALL DATA SUBMITTED BY THE APPLICANT ARE AVAILABLE AS PART OF THE ADMINISTRATIVE RECORD. |  |
| ANY PERSON WHO MAY BE AGGRIEVED BY THE ISSUANCE OF A PERMIT FOR THIS PROPOSED WASTE FACILITY MAY FILE WITH THE CABINET A PETITION WHICH SETS FORTH THE GROUNDS OF THE OBJECTION AND DEMANDS A HEARING PURSUANT TO KRS 224.10-420.  |  |

ANY COMMENTS, OBJECTIONS, OR PETITION REQUESTS FOR A HEARING PURSUANT TO KRS 224.10-240 MUST BE FILED WITH THE DIRECTOR OF THE DIVISION OF WASTE MANAGEMENT, 18 REILLY ROAD, FRANKFORT, KENTUCKY 40601 WITHIN THIRTY (30) DAYS OF TODAY'S DATE.

PUBLICATION OF THIS NOTICE IS PURSUANT TO KRS.224.40-310 AND 401 KAR 47:14